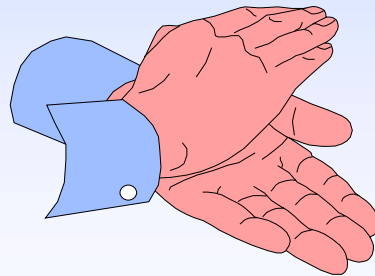


# WELCOME

**ATC 2070 & ITS CABINET WORKSHOP  
SPONSORED BY CALTRANS**



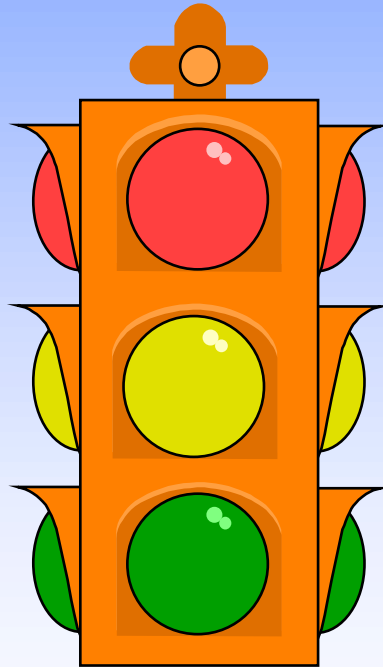
**2070 & ITS CABINET WORKSHOP - AUGUST 2001**

## **ATC 2070 WORKSHOP**

**MARTHA STYER - OFFICE CHIEF,  
ITS DEVELOPMENT AND SUPPORT  
TRAFFIC OPERATIONS  
CALTRANS H.Q., SACRAMENTO**



# **CALTRANS' ROLE ATC - ITS WORLD**



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- **WHERE WE ARE NOW**
  - ITS STATUS
  - ACCOUNTABILITY
- **WHERE WE ARE GOING**
  - CALTRANS “GRAND” MASTER PLAN
  - USE OF CONSULTANTS
  - PROJECT MANAGER ROLE
  - GENERAL BLUEPRINT



# **WORKSHOP AGENDA**

**INTRODUCTION**

**ATC MODEL 2070 CONTROLLER UNIT**

**MODEL 2070 APPLICATION PROGRAMS**

**ITS CABINET FAMILY**

**TRAINING ASSESSMENT**

**FLOYD WORKMON**



## **SESSION 1 - MODEL 2070**

**ADVANCED TRANSPORTATION CONTROLLER UNIT  
AS SPECIFIED IN CHAPTERS 9 & 10 OF TEES 11/19/99  
DOCUMENT AND CURRENT ERRATA.**

- **THE ATC UNIT IS MODULAR, INTER-CHANGEABLE MODULES, MULTI-APPLICATION.**
- **IT WAS DEVELOPED TO JOIN THE 170 CONTROLLER FAMILY. IT INTERFACES WITH NEMA TS 1&2 AND 170 CABINET FAMILIES. IN ADDITION, IT IS A MATED PAIR TO THE NEW ITS CABINET FAMILY**
- **THERE HAS BEEN OVER 26 APPLICATIONS IDENTIFIED FOR THE ATC.**



## **5 VERSIONS**

- **2070 V (VME) UNIT - 170 & TS 2 CABINET**
- **2070 L (LITE) UNIT - 170 & TS 2 CABINET**
- **2070 LC (LITE) UNIT - ITS CABINET**
- **2070 VN (VME & NEMA) – TS 1 CABINET**
- **2070 LN UNIT (LITE & NEMA) – TS 1 CABINET**

## **2070 V UNIT**

- **2070 CHASSIS**
- **CENTRAL PROCESSING UNIT 1A - DUAL BOARD MODULE WITH VME MASTER / SLAVE CAPABILITY**
- **FIELD I/O MODULE 2A OR 2B**
- **FRONT PANEL 3A**
- **POWER SUPPLY 4A**
- **VME CAGE ASSEMBLY 5**



## **2070 LITE UNIT**

- **CHASSIS**
- **CENTRAL PROCESSING UNIT 1B - SINGLE BOARD WITH ETHERNET & SERIAL PORT 8**
- **FIELD I/O MODULE 2A OR 2B**
- **FRONT PANEL 3B**
- **POWER SUPPLY 4A OR 4B**

## **2070 LC UNIT**

- **CHASSIS**
- **CENTRAL PROCESSING UNIT 1B**
- **FIELD I/O MODULE 2B OR NONE \***
- **FRONT PANEL 3B OR 3C**
- **POWER SUPPLY 4A OR 4B**

## OTHER MODULES

- BEE BOX
- CENTRAL PROCESSING UNIT 1C (FUTURE API)
- 6A TWO MODEMS AND/OR 1200 BPS EIA 232 SERIAL PORT
- 6B TWO MODEMS AND/OR UP TO 9600 BPS EIA 232 SERIAL PORT
- 6D FIBER OPTIC COMM
- 7A TWO COMM CHANNELS - EIA/TIA 232
- 7B TWO COMM CHANNELS - EIA/TIA 485
- 8 NEMA MODULE FOR TS 1 INTERFACE



## **COST**

**2070 V (VME) UNIT = \$2,800 - \$3,200**

**2070 L (LITE) UNIT = \$2,000 - \$2,200**

**2070 LC (LITE/COMM) UNIT = \$1,300 - \$1,600**

**2070-8 (NEMA) MODULE = \$600 - \$800**

